





Assessment Summary

North Fork Panther Creek 9.1 to 9.7 KY499562_03	 <p>This part of the stream does not support aquatic life.</p>
Joes Branch to Joes Run	
Daviess County, Green River Basin	
HUC 05110005	
Assessment Date: 10/16/2013	

Use	Cause of Impairment	Suspected Source(s) of Impairment	Basis for Listing	Data Collection and Analysis Methods ^{1,2,3}
 (5-NS)	Physical substrate habitat alterations	Channelization	Man-made or man-induced alteration of the chemical, physical (e.g. habitat), biological, and radiological integrity of water	Biological Monitoring, Habitat Assessment
 (5-NS)	Sedimentation/Siltation	Channelization, Loss of Riparian Habitat, Streambank Modifications/destabilization	Sediment deposition is negatively affecting the aquatic community (e.g. habitat smothering) and/or recreation	Biological Monitoring, Habitat Assessment
 (5-NS)	Specific Conductance	Channelization, Loss of Riparian Habitat	Elevated dissolved substances are negatively affecting the aquatic community	Biological Monitoring, Habitat Assessment

¹ Data locations: Physical/chemical monitoring data and pathogen data can be found on the EPA Water Quality Portal; chemical monitoring data for regulated facilities (e.g. wastewater and drinking water) can be found in the EPA ECHO database (online); biological monitoring summary scores and habitat assessment scores can be found in the EPA STORET database (online); and raw community species data and fish tissue analysis data are available on request through KDOW Open Records (expected in STORET 2015).

² Data Source(s): KDOW

³ Data Collection Date(s): 7/26/2011

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